

## Foreword

The 17th Symposium on Polar Meteorology and Glaciology sponsored by the National Institute of Polar Research was held on July 13–14, 1994. The symposium reported on continuing efforts of Japanese polar meteorologists, glaciologists and physical oceanographers. The research areas covered by this symposium were meteorological and glaciological observations, remote sensing, instrumentation and polar region engineering as well as modeling, dynamics related to polar regions.

Much of topics were related to the outcome of major research programs of the Antarctic Atmospheric Chemistry (1993–) and Deep Ice Coring Project at Dome Fuji (1992–) carried out by the Japanese Antarctic Research Expedition and some topics on atmospheric, glaciological and oceanographical research in the Arctic.

A total of 94 papers were presented at the symposium and the present volume contains 15 full-length papers and 24 abstracts. Full length papers were refereed and arranged in the order of scientific areas of glaciology, physical oceanography and meteorology. It is hoped that this volume will contribute to the progress of research on the polar cryosphere, hydrosphere and atmosphere.

Our sincere thanks are due to all of the contributors and referees who have readily cooperated in publishing the proceedings. We also thank Ms F. SUGASAWA as well as the staffs of glaciological section and the publication officers at the Library of the Polar Institute for their arrangement of the symposium and the publication of the proceedings.

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